

CURRICULUM VITAE

A. Personal Details

1. Full Name (Surname first):	IDOWU Oluwatope Olaniyi
2. Date of Birth:	3 rd March, 1990
3. Details of Contact Address:	Block F, Flat 3, Unimed Quarters, G.R.A., Ondo, Ondo State, Nigeria
(a) E-mail addresses;	oidowu@unimed.edu.ng oluwatope33@gmail.com
(b) Mobile Phone Number(s):	+234 703 0466 086 +234 811 8098 190
4. Nationality:	Nigeria
5. State of Origin:	Osun
6. Senatorial District:	Ife/Ijesha
7. Local Government Area:	Oriade
8. Permanent Home Address:	No 8, behind Immanuel Anglican Church, Ikoyi Quarters, Ile-Ife, Osun State
9. Marital Status:	Married
10. Number of Children and their Ages:	2, (3 years; 1.5 years).
11. Next of Kin:	Daikwo Patience, Unekwuajo
12. Details & Address of Next of Kin:	Block F, Flat 3, Unimed Quarters, G.R.A., Ondo, Ondo State, Nigeria
(a) E-mail address:	pdaikwo@unimed.edu.ng
(b) Mobile Phone Number(s):	+234 703 4258 219
13. Google scholar ID	https://scholar.google.com/citations?user=_SCKpRkAAAAJ&hl=en

B. Educational Background

1. Higher Educational Institutions Attended with Dates:
 - University of Medical Sciences, Ondo, Ondo State: 2022-2026
 - Obafemi Awolowo University, Ile-Ife, Osun State: 2014– 2017
 - Adeyemi College of Education, Ondo, Ondo State: 2007 – 2010
(affiliated to Obafemi Awolowo University)
 - Adventist Secondary School, Idi-Omo, Ile Ife 1999-2006
 - Omoolu Nursery and Primary School, Parakin Ile Ife 1992-1999
2. Academic/Professional Qualifications and Distinctions obtained with Dates:
 - PhD in Chemistry 2026
 - M.Sc. (Chemistry) 2018
 - B.Sc/Ed. (Chemistry Education) 2011
 - NECO June, 2006
 - Primary School Leaving Certificate 1999
3. Other Distinctions and Awards with Dates:
 - (a) Scholarship:
 - (b) Fellowship: NIL
 - (c) Research Grants:
 - Vice chancellor research grant, university of medical sciences, Ondo. 2024.

- Institutional based Research, TETFUND (Co-researcher) 2024
- Innovation day research grant, UNIMED, 2023- First position

C. Work Experience with Dates

1. Previous Work Experience outside University System

- Winners College, Odosida Ondo, Ondo State 2009/2010
Chemistry Teacher
- Government Day Secondary School, Tambuwal L. G. A., 2010 – 2011
Sokoto State, National Youth Service Corps
(*Chemistry Teacher*)
- GIS for NOSDRA by HANOVIA LTD. (*Field Agent*) 2014
- Department of Chemistry, Obafemi Awolowo University, Ile-Ife, CHM 103, and 104 Instructor and Grader: 2015-2017
- NPOWER Agric Extension Worker, Oriade L.G. A 2018-2020
- Hanovia Nigeria Ltd. Abuja, (*Field Agent*) 2014-2021
- Graphics, publishing and Web content developer, Printova 2014-2021

2. Work Experience

Asst. Lecturer	14 th January, 2022 -2025
Lecturer II	1 ST October, 2025

D. Membership of Professional Bodies:

Global Burden of Disease Network, University of Washington - IHME

E. Publications:

1. Thesis/Dissertation

- **IDOWU OLUWATOPE OLANIYI.** (2017). “Effects of Drying Methods on Physicochemical Parameters and Biodiesel Properties of *calophyllum inophyllum* Linn Kernel Oil”. A Thesis submitted to Chemistry Department, Obafemi Awolowo University, Ile-Ife, for the award of Master of Science Degree in Chemistry.

2. Published Journals Articles

- Adeniyi Abiodun Adenuga, John Adekunle Oyedele, **Oluwatope Olaniyi Idowu (2021)**, A renewable feedstock for biodiesel production, Journal of Cleaner production 316(2021) 128222 <https://doi.org/10.1016/j.jclepro.2021.128222>
- Adeniyi Abiodun Adenuga, **Oluwatope Olaniyi Idowu (2020)**, John Adekunle Oyedele, Synthesis of quality biodiesel from *Calophyllum inophyllum* kernels through reactive extraction method: Optimization of process parameters and characterization of the products. Renewable Energy 145(2020) 2530-2537. <https://doi.org/10.1016/j.renene.2019.08.35>
- Adeniyi Abiodun Adenuga, Olufemi David Amos, Oluwatobi Deborah Olajide, Adebayo Oluwole Eludoyin, **Oluwatope Olaniyi Idowu (2022)**, Environmental impact and health risk assessment of potentially toxic metals emanating from different anthropogenic activities related to E-wastes. Heliyon, Volume 8, Issue 8, e10296. <https://doi.org/10.1016/j.heliyon.2022.e1029.com>

- IV. Schumacher, Austin E., Hmwe Hmwe Kyu, Amirali Aali, Cristiana Abbafati, Jaffar Abbas, Rouzbeh Abbasgholizadeh, Madineh Akram Abbasi, ...Segun Emmanuel Ibitoye, **Oluwatope Olaniyi Idowu**, ... and Christopher J. L. Murray. 2024. "Global Age-Sex-Specific Mortality, Life Expectancy, and Population Estimates in 204 Countries and Territories and 811 Subnational Locations, 1950–2021, and the Impact of the COVID-19 Pandemic: A Comprehensive Demographic Analysis for the Global Burden of Disease Study 2021." *The Lancet* 1950–2021. doi: 10.1016/s0140-6736(24)00476-8.
- V Ololade, Z. S., Onifade, O. F., Eze, J. C., Oyebanji, O. T., Olaniran, A. C., Anuoluwa, I. A., ... **Idowu O. O.**, Tommy, B. E. (2024). Integrative phytochemical, ligand structure based drug design nephroprotective potential of *Annona muricata* flower-petals. *Natural Product Research*, 1–6. <https://doi.org/10.1080/14786419.2024.2342554>
- VI Vaduganathan, Muthiah, George A. Mensah, Justine Varieur Turco, Valentin Fuster, ...**Idowu O. O.**, Gregory A. Roth. 2022. "The Global Burden of Cardiovascular Diseases and Risk: A Compass for Future Health." *Journal of the American College of Cardiology* 80(25):2361–71. doi: 10.1016/j.jacc.2022.11.005.
- VII Ololade, Zacchaeus S., Labunmi Lajide, Olayinka F. Onifade, John C. Eze, Bessie E. Tommy, Gabriel O. Orodepo, **Olaniyi O. Idowu**, Olawumi T. Oyebanji, and Anikeola C. Olaniran. 2023. "Exploration of Secondary Metabolites in Flower-Petal *Annona Muricata* as Agonists for Peroxisome Proliferator-Activated Receptor-Alpha (PPAR α) for Liver Function." *The Journal of Phytopharmacology* 12(6):411–20. doi: 10.31254/phyto.2023.12607.
- VIII Ololade Z. S, Oyebanji OT, Onifade OF, Olaniran AC, **Idowu OO**, et al. (2024) Inhibitory Potential of *Struchium sparganophora* Phytochemicals on Cyclooxygenases and Their Health Implications on Inflammations and Pains. *Int Arch Addict Res Med* 9:039. doi.org/10.23937/2474-3631/1510039
- IX Ololade, Z. S. Oyebanji, O. T., Onifade, O.F., Anuoluwa, I. A., Olaniran, A. C., **Idowu, O. O.** and Tommy, B. E . Phytochemistry Investigation of the Hepatoprotective and Liver Regeneration Potential of the Leaf Extract of *Struchium sparganophora*. *Nigerian Journal of Science and Environment* 2025 Volume 23 (2) 29 – 46 ISSN: 3043 – 4440 <https://doi.org/10.61448/njse232253>

G. Conferences, Seminars and Workshops Attended with Dates

(a) Conference

The future of science and Healthcare, Harnessing the power of innovation and technology
Paper presented:

- i. **Phytochemistry, Antimicrobial and Antitubercular Activities of *Pterocarpus angolensis* Leaf Extracts: Towards Drug Discovery**
- ii. *In vitro* assessment of the acetylcholinesterase inhibitory activity of *Morinda lucida* fruit extractives

- iii. Investigation of the Quality of Sodium and Potassium Soaps in the Blend of Castor Oil and Beeswax

(b) Workshop

Capacity Building Workshop in Natural Product Research
17th December 2025

H. Current Relevant Information

Assessment of toxic bioactive phytochemical constituents in indigenous medicinal herbs from roadside vendors in Ondo state, Nigeria.

I. Current Relevant Information

Services outside academics:

- (i) Proctor: Joint Matriculation Examination Body (JAMB) 2023
- (ii) Proctor: Joint Matriculation Examination Body (JAMB) 2024
- (iii) Proctor: Joint Matriculation Examination Body (JAMB) 2025
- (iv) Proctor: Joint Matriculation Examination Body (JAMB) 2026

J. Contributions to Knowledge

- Presence of heptabarbital in *calophyllum inophyllum* leaves' ethanolic extract with a potential capacity to annihilate malaria plasmodium falciparum parasites

K. Extra-Curricular Activities: Music, Football, graphic designing, computations and little coding

NAMES, ADDRESSES and PHONE NUMBER OF REFEREES:

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Dr. Z. S. Ololade (PhD, Ogbomoso)

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